



A.D. 1867, 25th JUNE. N^o 1843.

S P E C I F I C A T I O N

OF

THOMAS PEBARDY.

SURGICAL APPENDAGES.

LONDON:

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Surgical Appendages.

(This Invention received Provisional Protection only.)

PROVISIONAL SPECIFICATION left by Thomas Pebardy at the Office of the Commissioners of Patents, with his Petition, on the 25th June 1867.

I, THOMAS PEBARDY, of 30, Saint Paul's Road, in the Parish of St. Pancras,
5 in the County of Middlesex, Surgical Bandage and Instrument Maker, do hereby declare the nature of the said Invention for "IMPROVEMENTS IN SURGICAL APPENDAGES TO CONSIST OF A CORSET AND ABDOMINAL SUPPORTER COMBINED ALSO TO SERVE AS A TRUSS IN CASES OF UMBILICAL AND VENTRAL HERNIA," to be as follows :—

10 The upper part of the appendage is made of some resisting texture coutil, sateen, silk, or any suitable material, of such length and depth as may be found best adapted to the size of the body and to meet the requirements of the case. In this portion of the appendage gores of the same or other material are inserted to form the bosom; these gores are continued by a
15 strip of the same fabric of such length and width as may be considered suitable; on each side of this strip continued from the aforesaid gores, elastic web or webs are inserted, so placed as to stretch in a slanting direction; these also are of such length and width as may be necessary; at the lower portion of these webs there are bands or belts made of materials similar to
20 those before mentioned; to these bands elastic web or webs are attached, shaped

Pebardy's Improvements in Surgical Appendages.

to take the abdomen, and to prevent any drawing in of that part of the body. Below these webs forming the abdomen there is another band of a firm material containing runnings of cotton or other substance for the purpose of stiffening and adding to its strength. This band may be made of any length or width considered desirable. The whole of the above-described parts have 5 a strip or strips of non-elastic material passing directly downwards from the top to the lower portion of the appendage between the bosom gores, joining the band last mentioned, and to which the above-mentioned pieces are attached. This strip or these strips may be closed or made to open with any kind of fastening preferred. For the purpose of stiffening there are in the aforesaid 10 strips rows of stitching in which may be inserted flexible material of the kind considered most suitable. The whole of the above description applies to the front of the body. At the termination of the elastic insertions directing towards the sides they are met by a band of the same texture as that denominated "resisting material." This band is shaped so as to descend 15 from or near the arm-pit to the lower part of the support in a sloping manner, so that it passes on the front of the hip and also directly over the hip making a forked piece. Inserted between these forked pieces gores of elastic web are placed of such length and width as may be suitable to the size of the hips. The continuation of the upper part of the support from the arm piece 20 towards the back is formed to the extent required of resisting material, below which the elastics are continued as in front, being placed nearly in a line with them. Proceeding towards the lower part of the support at the termination of the elastics it is formed of non-elastic material. On each side of the elastic gore of the hips there are straps of similar materials to that of the 25 other part of the support (non-elastic), one being attached at the back and one in front of the hips, having a row of holes worked or otherwise to lace or to buckle at the will of maker, the level edges of each strap meeting in the centre of the strip, which descends from the arm-pit and which is understood to be the forked piece. These straps may be used as a check to the elasticity 30 of the hips, keeping the expansion at that part under the control of the wearer. The piece or band in front at the lower part is continued to the centre of the strip known as the forked piece, and may be made to lace, or buckle, or fastened in any manner wished, the object being to raise the burden of the stomach or abdomen, which is more likely to be effected by equalising and diffusing the 35 raising power over the entire body. The fastening at the back may be of any kind preferred, but I think a series of holes placed closely together with laces the most useful, as then the means of regulation to the desired extent will be obtained. The inner portion of the back next the fastening or lace

Pebardy's Improvements in Surgical Appendages.

holes has rows of diagonal stitchings to admit of whalebone or other material which will well support the muscles of the back without injury to the vertebræ. With the addition of shoulder straps fixed to obtain perfect sustaining power the bulk of the abdomen must to a great extent be removed from that part
5 and placed as it were on the shoulders. When in addition to the purposes already stated it is wished to use the appendage as a truss for all kinds of hernia occurring in the portion of the body which it covers it will be necessary to add a plate or pad adapted to the peculiarities of the rupture. This plate or pad may be made of silver, or metal plated, or of tin, iron, or any suitable
10 substance, this plate or pad must be inserted in the appendage over the part where it is required, and must be well secured at the edges all round. It may be secured in addition by light straps passing over the top of the plate or pad on the outside of the appendage, which would also give additional pressure over the seat of the hernia. When the plate or pad is inserted in the manner described the
15 appendage placed in its proper position and the laces well drawn at the back, the appendage will yield only in the parts which the plate or pad does not cover, and in consequence it will apply direct and greater pressure on the part where it is most needed. The whole appendage having a tendency to exert its influence and bearing upwards it will have a most beneficial effect in cases
20 of rupture. Moreover, in addition to the uses enumerated above, the appendage will meet a great want amongst women during the period of pregnancy and when suffering from ovarian diseases, as any amount of pressure or freedom can be given with equal facility.

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The first part of the year was very dry and hot, with much rain in the latter part. The crops were generally good, but the wheat was much injured by the drought. The corn was also much injured, but the cotton was very good. The sugar cane was also very good, and the rice was very good. The fruit was also very good, and the vegetables were very good. The stock was also very good, and the poultry was very good. The fish was also very good, and the game was very good. The weather was very good, and the people were very happy. The year was a very successful one for the country.

The second part of the year was very dry and hot, with much rain in the latter part. The crops were generally good, but the wheat was much injured by the drought. The corn was also much injured, but the cotton was very good. The sugar cane was also very good, and the rice was very good. The fruit was also very good, and the vegetables were very good. The stock was also very good, and the poultry was very good. The fish was also very good, and the game was very good. The weather was very good, and the people were very happy. The year was a very successful one for the country.